

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|-------|---|-----------|----------------------|----------|
| 1 | BRS | L1 | 24564 | catalys\$ and enzy\$ | USPA T | 2000/10/2 5 11:03 | |
| 2 | BRS | L2 | 6459 | 1 and interfer\$ | USPA T | 2000/10/2 5 11:02 | |
| 3 | BRS | L3 | 4118 | 2 and (heat\$ and pH) | USPA T | 2000/10/2 5 11:02 | |
| 4 | BRS | L4 | 961 | 3 and adsorb\$ | USPA T | 2000/10/2 5 11:02 | |
| 5 | BRS | L5 | 957 | 4 and (solution\$ or liquid\$ or fluid\$) | USPA T | 2000/10/2 5 13:51 | |
| 6 | BRS | L6 | 165 | ((ENZYM\$ AND CATALYS\$) same interfer\$) | USPA T | 2000/10/2 5 11:30 | |
| 7 | BRS | L7 | 84 | 6 and heat\$ | USPA T | 2000/10/2 5 11:07 | |
| 8 | BRS | L8 | 77 | 7 and pH | USPA T | 2000/10/2 5 11:08 | |
| 9 | BRS | L9 | 7261 | (ENZYM\$ SAME INTERFER\$) | USPA T | 2000/10/2 5 13:36 | |
| 10 | BRS | L10 | 4139 | 9 and heat\$ | USPA T | 2000/10/2 5 11:31 | |
| 11 | BRS | L11 | 3799 | 10 and pH | USPA T | 2000/10/2 5 11:31 | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|---|-----------|----------------------|----------|
| 12 | BRS | L12 | 749 | 11 and adsorb\$ | USPA T | 2000/10/2 5 11:31 | |
| 13 | BRS | L13 | 7 | 7 not 8 | USPA T | 2000/10/2 5 11:32 | |
| 14 | BRS | L14 | 1523 | adsorb\$ same interfer\$ | USPA T | 2000/10/2 5 13:36 | |
| 15 | BRS | L15 | 8587 | 9 or 14 | USPA T | 2000/10/2 5 11:33 | |
| 16 | BRS | L16 | 4958 | 15 and heat\$ | USPA T | 2000/10/2 5 11:34 | |
| 17 | BRS | L18 | 4206 | 16 and ph | USPA T | 2000/10/2 5 11:46 | |
| 18 | BRS | L19 | 4129 | 18 not 7 | USPA T | 2000/10/2 5 11:35 | |
| 19 | BRS | L20 | 2551 | 19 and (device\$ or instrument\$ or apparatus\$) | USPA T | 2000/10/2 5 11:51 | |
| 20 | BRS | L21 | 848 | 20 and ((sample\$ or liquid\$ or fluid\$) with treat\$) | USPA T | 2000/10/2 5 11:52 | |
| 21 | BRS | L22 | 191 | 21 and oxidiz\$ | USPA T | 2000/10/2 5 11:44 | |
| 22 | BRS | L23 | 19 | 22 and sensor\$ | USPA T | 2000/10/2 5 11:45 | |
| 23 | BRS | L24 | 1904 | 16 AND ((PH with (alter\$ or adjust\$ or chang\$))) | USPA T | 2000/10/2 5 13:39 | |
| 24 | BRS | L25 | 1857 | 24 not 7 | USPA T | 2000/10/2 5 11:50 | |
| 25 | BRS | L26 | 1092 | (25 AND (INSTRUMENT\$ OR APPARATUS\$ OR DEVICE\$)) | USPA T | 2000/10/2 5 13:48 | |

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|----|------|-----|------|---|---------------------|----------------------|----------|
| 26 | BRS | L27 | 408 | (26 AND (TREAT\$ WITH (SAMPLE\$ OR LIQUID\$ OR FLUID\$))) | USPA T | 2000/10/2 5 13:46 | |
| 27 | BRS | L28 | 40 | 27 and sensor\$ | USPA T | 2000/10/2 5 12:00 | |
| 28 | BRS | L29 | 159 | 27 and (sample with pH) | USPA T | 2000/10/2 5 12:00 | |
| 29 | BRS | L30 | 9 | (29 AND SENSOR\$) | USPA T | 2000/10/2 5 12:05 | |
| 30 | BRS | L31 | 2237 | miyashita.in. or yoshioka.in. or nankai.in. | USPA T | 2000/10/2 5 12:06 | |
| 31 | BRS | L32 | 8 | 9 and 31 | USPA T | 2000/10/2 5 12:08 | |
| 32 | BRS | L34 | 4 | 32 and adsorb\$ | USPA T | 2000/10/2 5 12:10 | |
| 33 | BRS | L35 | 4 | (32 not 34) | USPA T | 2000/10/2 5 13:45 | |
| 34 | BRS | L36 | 1097 | (ENZYM\$ SAME INTERFER\$) | EPO; Derw ent | 2000/10/2 5 12:59 | |
| 35 | BRS | L37 | 202 | (ADSORB\$ SAME INTERFER\$) | EPO; Derw ent | 2000/10/2 5 12:59 | |
| 36 | BRS | L38 | 1287 | 36 or 37 | EPO; Derw ent | 2000/10/2 5 13:06 | |
| 37 | BRS | L39 | 25 | (38 AND (PH WITH (ALTER\$ OR CHANG\$ OR ADJUST\$))) | EPO; Derw ent | 2000/10/2 5 13:01 | |
| 38 | BRS | L40 | 48 | 38 and heat\$ | EPO; Derw ent | 2000/10/2 5 13:06 | |
| 39 | BRS | L41 | 46 | 40 not 39 | EPO; Derw ent | 2000/10/2 5 13:30 | |
| 40 | BRS | L43 | 724 | 422/50.ccls. or 422/105.ccls. | USPA T | 2000/10/2 5 13:31 | |

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|----|------|-----|-------|---|-----------|----------------------|----------|
| 41 | BRS | L44 | 9067 | 435/4.ccls. or 435/7.1.ccls. or 435/174.ccls. or 435/175.ccls. or 435/176.ccls. or 435/177.ccls. or 435/183.ccls. or 435/184.ccls. or 435/188.ccls. or 435/188.5.ccls. or 435/262.ccls. or 435/283.1.ccls. or 435/286.1.ccls. or 435/287.1.ccls. or 435/287.2.ccls. or 435/287.7.ccls. | USPA T | 2000/10/2 5 13:33 | |
| 42 | BRS | L45 | 5153 | 436/43.ccls. or 436/50.ccls. or 436/55.ccls. or 436/147.ccls. or 436/174.ccls. or 436/175.ccls. or 436/176.ccls. or 436/177.ccls. or 436/178.ccls. or 436/536.ccls. or 436/543.ccls. or 436/547.ccls. | USPA T | 2000/10/2 5 13:35 | |
| 43 | BRS | L46 | 13500 | 43 or 44 or 45 | USPA T | 2000/10/2 5 13:35 | |
| 44 | BRS | L47 | 1227 | (ENZYM\$ SAME INTERFER\$) and 46 | USPA T | 2000/10/2 5 13:37 | |
| 45 | BRS | L48 | 153 | (ADSORB\$ SAME INTERFER\$) and 46 | USPA T | 2000/10/2 5 13:37 | |
| 46 | BRS | L49 | 1333 | 47 or 48 | USPA T | 2000/10/2 5 13:44 | |
| 47 | BRS | L50 | 912 | (49 AND ((PH WITH (ALTER\$ OR CHANG\$ OR ADJUST\$))or heat\$)) | USPA T | 2000/10/2 5 13:45 | |
| 48 | BRS | L51 | 902 | 50 not (28 or 30) | USPA T | 2000/10/2 5 13:45 | |
| 49 | BRS | L52 | 900 | 51 not (32 or 34 or 35) | USPA T | 2000/10/2 5 13:45 | |

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments |
|----|------|-----|------|---|-----------|----------------------|----------|
| 50 | BRS | L53 | 324 | (52 AND (TREAT\$ WITH (SAMPLE\$ OR LIQUID\$ OR FLUID\$))) | USPA T | 2000/10/2 5 13:50 | |
| 51 | BRS | L54 | 244 | (53 AND (INSTRUMENT\$ OR APPARATUS\$ OR DEVICE\$)) | USPA T | 2000/10/2 5 14:09 | |
| 52 | BRS | L57 | 224 | 54 and ph | USPA T | 2000/10/2 5 14:09 | |

(FILE 'HOME' ENTERED AT 10:44:38 ON 25 OCT 2000)

FILE 'BIOSIS, CAPLUS, EMBASE, MEDLINE, SCISEARCH' ENTERED AT 10:44:55 ON
25 OCT 2000

| | |
|-----|--|
| L1 | 0 S CATALYST? AND ENXYM? |
| L2 | 18004 S CATALYST? AND ENZYM? |
| L3 | 162 S L2 AND INTERFER? |
| L4 | 97 DUPLICATE REMOVE L3 (65 DUPLICATES REMOVED) |
| L5 | 4 S L4 AND ADSORB? |
| L6 | 0 S L4 AND (PH AND HEAT?) |
| L7 | 6 S L4 AND HEAT? |
| L8 | 301 S L2 AND ADSORB? |
| L9 | 76 S L8 AND (HEAT? OR PH) |
| L10 | 56 DUPLICATE REMOVE L9 (20 DUPLICATES REMOVED) |
| L11 | 7 S L10 AND (INTERFER? OR CONTROL?) |